

Title (en)

DOOR LOCK, IN PARTICULAR MOTOR VEHICLE DOOR LOCK

Title (de)

TÜRSCHLOSS INSBESONDERE KRAFTFAHRZEUGTÜRSCHLOSS

Title (fr)

SERRURE DE PORTE, EN PARTICULIER SERRURE DE PORTE DE VÉHICULE À MOTEUR

Publication

EP 3942133 A1 20220126 (DE)

Application

EP 20716166 A 20200306

Priority

- DE 102019107229 A 20190321
- DE 2020100152 W 20200306

Abstract (en)

[origin: WO2020187358A1] The invention relates to a door lock, in particular a motor vehicle door lock, which is equipped with a locking mechanism (3, 4) that substantially consists of a rotary latch (3) and at least one pawl (4). Each of the two locking mechanism parts (3, 4) is rotatably supported on a base (1) about a respective axis (9, 7). For this purpose, a bearing surface (10) of each locking mechanism part (3, 4) slides along a fixed support body (11). According to the invention, the support body (11) is provided with an open bearing trough (12) for receiving the bearing surface (10).

IPC 8 full level

E05B 85/20 (2014.01); **E05B 85/24** (2014.01)

CPC (source: EP US)

E05B 77/02 (2013.01 - US); **E05B 79/08** (2013.01 - US); **E05B 85/20** (2013.01 - EP); **E05B 85/24** (2013.01 - EP); **E05B 85/243** (2013.01 - US); **E05B 85/26** (2013.01 - US); **F16C 11/04** (2013.01 - US); **E05B 77/36** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102019107229 A1 20200924; CN 113574239 A 20211029; CN 113574239 B 20230307; EP 3942133 A1 20220126; EP 3942133 B1 20230426; US 12006743 B2 20240611; US 2022127883 A1 20220428; WO 2020187358 A1 20200924

DOCDB simple family (application)

DE 102019107229 A 20190321; CN 202080021442 A 20200306; DE 2020100152 W 20200306; EP 20716166 A 20200306; US 202017438974 A 20200306